

Pollution Prevention Afloat: High-Volume Low-Pressure Paint Gun

Technology Description

- Commercial high-volume, low-pressure (HVLP) air-less paint gun
 - Replaces conventional high-pressure paint gun that produces significant paint overspray

8-oz low-pressure paint sprayer transfers paint better & presents fewer safety concerns than high-pressure (3,600 psi) air-less paint gun



Benefits

- ☆ Help comply with wide range of laws, regulations, Executive Orders, & Navy policies establishing HM reduction & pollution-prevention goals & requirements
- ☆ Reduce wasted paint from overspraying
- ☆ Reduce use & disposal of paint brushes & rollers
- ☆ Favorable return on investment (3 guns on one ship)
 - \$248K savings over 10 yrs
 - 7-day break-even point
 - 50% labor reduction

RDT&E Status

- Successful evaluations on combatant, amphibious, aircraft carrier, & supply ships
- Technology opportunity for existing & future ships